



# SOUND ASSOCIATES, INC.

## AUTOMATION COMPUTER CONTROL UNIT

- CS3 (6 AUTOMATION TIMINGS)
- CS3L (4 AUTOMATION TIMINGS)

The CS3 and CS3L are automation control stations for the I-Caption®, D-Scriptive and ShowTrans systems, synchronizing pre-recorded captions, audio description and translation commentary to live theatrical productions, museum exhibits and movies. Broadcasting up to three separately timed captions or subtitles, the CS3L offers one stereo audio channel output, while the CS3 offers three. The controller advances cues by midi show-control, midi note, midi time code, or SMPTE time code. The software interface makes the system easy to use, maintain and update. The unit is also equipped with an internal modem allowing remote access for software updates, uploading cue changes and downloading log files. Both units can be controlled by the front panel LCD; keyboard, monitor and mouse; or remotely with a wireless PDA.

Synchronization is achieved via a comprehensive software package that reads a variety of midi information from show equipment. A "rehearsal" is run during a performance that synchronizes the slides or audio segments with the appropriate midi fires. This rehearsal can be performed locally through the CS3 keyboard or remotely through a wireless Pocket PC. The CS3's software runs a complex algorithm to automatically find the closest midi fire for each slide or audio segment. This keeps the text and audio in perfect time with the live performance.

The Cue Editor allows the operator to edit the rehearsal after its completion, to delete inaccurate midi fires or change the timing of the slides or audio segments. It can also add looping cues in any part of the program such as sponsorship or advertising before the performance or event.

The user-friendly CS3 and CS3L automation control stations are designed to supply years of quality performance, delivering clear audio and video at every use, at a reasonable cost.



CS-3 4 input (Midi) with 6 automation timings (3 Stereo audio, 1 Video, 2 PDA timings)

Control Unit for:

I-Caption® - Automated Wireless Closed Captioning System for the Hearing Impaired.

D-Scriptive - Automated Audio Description for Sight Impaired Patrons.

ShowTrans - Automated Audio Commentary for Foreign Speaking Patrons.

Features:

- Fully Automated - No technician needed
- Supports multiple languages
- Remote control for setting timings with a wireless PDA
- LCD display for viewing incoming and outgoing cues
- Easy to use software to program system and edit timings
- Internal testing for quick system diagnostics
- Report log records all incoming and outgoing cues
- Filters on each midi input allow only correct information to pass
- Load and retrieve files via USB memory stick
- Excellent audio and video quality
- Internal modem for remote access
- Full three-year warranty.



CS-3L 1 input (Midi / SMPTE) with 4 automation timings (1 Stereo audio, 1 Video, 2 PDA timings)

424 West 45th Street, New York, NY 10036 TEL: 212-757-5679

TOLL FREE 888-772-SOUND (888-772-7686)

www.soundassociates.com



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## Technical Specification:

	<b>CS3</b>	<b>CS3L</b>
<u>Devices</u>		
Processor	Intel Pentium Dual-Core Processor	Same
Memory	1 GB DDR2 SDRAM	Same
Hard Disk Storage	80 GB Hard Drive System	Same
Card Reader	Internal SC Card Reader/Writer (Front Panel)	Same
CD-ROM Drive	Tray loaded 32x speed drive (Front Panel)	Same
<u>Inputs</u>		
Midi In	5-Pin 180° female DIN	Same
Number of Inputs	4	1
Midi Format	Show Control, Midi Note, Midi Time Code	Same
SMPTE	Optional	1/4" TS connector x 1
<u>Standard I/O Ports</u>		
Video	VGA x 1	Same
Composite Video	1	0
USB	USB 2.0 x 1 (Front), x 6 (Rear)	USB 2.0 x 1 (Front), x 4 (Rear)
PS2	Keyboard and Mouse connections	Same
Ethernet	RJ45 to wireless modem	Same
Modem	56k modem RJ11 connector	Same
<u>Audio Output</u>		
No. of Outputs	3	1
Audio Output	Unbalanced, 100 ohm	Same
Sample Rates	41.1 kHz or 48 kHz internally adjusted	Same
Signal to Noise	> 85 dB A weighted	Same
Connector	3.5 mm stereo jack	Same
<u>Power</u>		
Power	120/240 VAC selectable	Same
Power Consumption	400 W	350 W
<u>Mechanical</u>		
Mechanical Dimensions	19" x 5.25" x 20.8" deep (3 u)	19" x 3.5" x 20.8" deep (2 u)
Weight	32.0 lbs.	27.2 lbs.
Finish/Material (Front)	Silver anodized aluminum	Same
Finish/Material (Chassis)	White powder coat aluminum	Black powder coat aluminum
<u>Software (Automation Timings)</u>		
PDA (I-Caption)	2	2
Video (Captioning)	1	0
Audio (Audio Description/Translation)	3	1

## Warranty

The CS3 and CS3L Control Station units are covered by a full three-year warranty, from the original date of purchase, against defects in workmanship or materials. If either component fails due to defects in craftsmanship or materials, we will repair or replace the component without charge. The factory warranty does not cover malfunctions due to abuse or operation other than specified.

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